

Pre-European Settlement Vegetation Database of Wisconsin: Line Trees, Meanders, Ecosystem Boundaries and Disturbance Boundaries

Metadata also available as

Metadata:

- [Identification Information](#)
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 - [Spatial Reference Information](#)
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Identification_Information:

Citation:

Citation_Information:

Originator:

Forest Landscape Ecology Lab, Department of Forest Ecology and Management, University of Wisconsin-Madison

Publication_Date: 2001

Title:

Pre-European Settlement Vegetation Database of Wisconsin: Line Trees, Meanders, Ecosystem Boundaries and Disturbance Boundaries

Geospatial_Data_Presentation_Form: Table

Publication_Information:

Publication_Place: Madison, Wisconsin

Publisher:

Forest Landscape Ecology Lab, Department of Forest Ecology and Management, University of Wisconsin-Madison

Other_Citation_Details:

A General Technical Report is in process to fully describe these data and their limitations and uses.

Online_Linkage: [<URL:http://landscape.forest.wisc.edu/>](http://landscape.forest.wisc.edu/)

*Description:**Abstract:*

The Pre-European Settlement Vegetation Database of Wisconsin is a tabular database containing vegetative information extracted from the US General Land Office's Public Lands Survey original surveyors' notes for Wisconsin. The survey was conducted by private surveyors under contract to the General Land Office for the purpose of subdividing unsettled US lands for sale. Land was first surveyed into townships of 36 square miles, which were subsequently subdivided into 36 sections, each 1 square mile. Survey posts were set at the corner of each section (section corners) and at the midpoint between section corners (quarter section corners), resulting in a regular array of corners at half mile intervals along a 1 square mile grid. Additional survey posts were set when the survey line intersected navigable bodies of water at places called meander corners. Between 2 and 4 bearing trees were identified near each section, quarter section, and meander corner and recorded in the surveyors' notebooks, along with the presence of individual trees located along the survey lines between corners and the nature of the ecosystems through which the survey traversed.

We systematically went through microfilms and scanned digital images of the surveyors' notebooks and extracted vegetative information about the bearing trees, ecosystems, and disturbances recorded therein. This information was entered into a tabular database.

Purpose:

The purpose of this database is to provide information to researchers and land managers about the nature of Wisconsin's landscapes prior to widespread European-American settlement. The data can be analyzed statistically in its tabular form, or it can be attached to the Wisconsin Department of Natural Resources' Landnet GIS coverage of the public land survey corners for mapping and spatial analysis.

Supplemental Information:

For more information regarding the US public land survey and this database, see the Forest Landscape Ecology Lab's General Technical Report (in progress, fall 2001).

*Time_Period_of_Content:**Time_Period_Information:**Range_of_Dates/Times:**Beginning_Date:* 1832*Ending_Date:* 1891*Currentness_Reference:*

Date of the US General Land Office public land survey of Wisconsin

*Status:**Progress:* Complete*Maintenance_and_Update_Frequency:* No updates planned. Errors will be corrected when identified.

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -92.98

East_Bounding_Coordinate: -86.69

North_Bounding_Coordinate: 47.06

South_Bounding_Coordinate: 42.46

Keywords:

Theme:

Theme_Keyword_Thesaurus: none

Theme_Keyword: presettlement vegetation

Theme:

Theme_Keyword_Thesaurus: none

Theme_Keyword: public land survey

Place:

Place_Keyword_Thesaurus: none

Place_Keyword: Wisconsin

Access_Constraints: none

Use_Constraints:

Users should be aware that the survey was conducted for the purpose of subdividing land rather than as a formal biological inventory. There is some bias inherent in the data in the context of ecological research with respect to the size and species of bearing trees recorded.

Point_of_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization:

Forest Landscape Ecology Lab, Department of Forest Ecology and Management, University of Wisconsin-Madison

Contact_Person: David J. Mladenoff or Theodore A. Sickley

Contact_Address:

Address_Type: mailing address

Address:

120 Russell Labs 1630 Linden Dr

City: Madison

State_or_Province: Wisconsin (WI)

Postal_Code: 53706-1598

Country: United States of America (USA)

Contact_Voice_Telephone: (608) 265-6321

Contact_Facsimile_Telephone: (608) 262-9922

Contact_Electronic_Mail_Address: djmladen@facstaff.wisc.edu or tsickley@facstaff.wisc.edu

Native_Data_Set_Environment: ArcGIS 8.1 info table

Data_Quality_Information:

Attribute_Accuracy:

Attribute_Accuracy_Report:

Upon completion of data entry, 5% of all surveys were randomly chosen to quantify error rates. The contents of the database for these townships were printed out and compared to the original field notes, and errors introduced during data entry were tabulated by database field. Error rates for all fields except Ecosystem were less than 2%, and the error rate for Ecosystem field was less than 3%.

Logical_Consistency_Report:

Several Microsoft Access queries were developed and implemented to locate logical errors in the database.

Completeness_Report:

The database covers the entire state of Wisconsin. A few gaps in the database occur where the surveyors encountered Indian Reservations and existing private claims, notably the Bad River Reservation near Ashland, the Oneida Reservation near Green Bay, the Stockbridge-Brothertown Reservation on the east side of Lake Winnebago, and private claims along the upper Fox River and near Prairie du Chein.

Positional_Accuracy:

Horizontal_Positional_Accuracy:

Horizontal_Positional_Accuracy_Report:

The data were compiled initially in tabular form. Upon relating to the Wisconsin Department of Natural Resources' Landnet coverage of public land survey system corners, the data assume Landnet's accuracy. See http://www.dnr.state.wi.us/org/at/et/geo/metadata/basehd_2/secnode.html for Landnet metadata.

Lineage:

Source_Information:

Source_Citation:

Citation_Information:

Originator: Wisconsin Board of Commissioners of Public Lands

Publication_Date: 1998

Title: Field Surveyors Notes

Geospatial_Data_Presentation_Form: TIFF images on compact disk

Publication_Information:

Publication_Place: Madison, Wisconsin

Publisher: Wisconsin Board of Commissioners of Public Lands

Other_Citation_Details:

The original field surveyors' notebooks are maintained by the Wisconsin Board of Commissioners of Public Lands (BCPL). Due to their deteriorating condition, the notebooks were

microfilmed at one point (the 1960's?) and then digitally scanned by the University of Wisconsin General Library System's Microimaging Lab. Compact disks containing scanned images of the notebooks are available from the BCPL, PO Box 8943, Madison WI, 53708-8943, telephone (608) 266-1370.

Type_of_Source_Media: compact disk

Source_Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 1832

Ending_Date: 1891

Source_Currentness_Reference:

Date of the US General Land Office public land survey of Wisconsin

Source_Citation_Abbreviation:

Wisconsin Board of Commissioners of Public Lands Field Surveyors Notes.

Source_Contribution:

Images of field surveyors' notebooks used to construct database.

Process_Step:

Process_Description:

Field surveyors's notebooks were examined one at a time, and relevant vegetative information was entered into a DOS-based program called LANDREC, written by Forest Landscape Ecology Lab staff. LANDREC output ascii files, with each record containing a single feature found in the notes: a section corner, a quarter corner, a meander corner, a line tree, or an ecosystem boundary. All possible fields were present, with only those fields relevant to that feature populated. The output ascii files were imported into a database software program (first Paradox, and later Access) for error checking. Tabular data were then related to the Wisconsin Department of Natural Resources' Landnet coverage of the public land survey section and quarter section corners.

Process_Date: 1995-2001

Process_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Theodore A. Sickley

Contact_Organization:

Forest Landscape Ecology Lab, Department of Forest Ecology and Management, University of Wisconsin-Madison

Contact_Position: Research Specialist

Contact_Address:

Address_Type: mailing address
Address: 120 Russell Labs, 1630 Linden Dr
City: Madison
State_or_Province: Wisconsin (WI)
Postal_Code: 53706-1598
Country: United States of America (USA)
Contact_Voice_Telephone: (608) 265-6321
Contact_Facsimile_Telephone: (608) 262-9922
Contact_Electronic_Mail_Address: tsickley@facstaff.wisc.edu

Spatial_Data_Organization_Information:

Indirect_Spatial_Reference: None
Direct_Spatial_Reference_Method: Vector

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Planar:

Map_Projection:

Map_Projection_Name: Transverse Mercator

Transverse_Mercator:

Scale_Factor_at_Central_Meridian: 0.9996

Longitude_of_Central_Meridian: -90.0

Latitude_of_Projection_Origin: 0

False_Easting: 520000.0

False_Northing: -4480000.0

Planar_Coordinate_Information:

Planar_Coordinate_Encoding_Method: Coordinate pair

Coordinate_Representation:

Abscissa_Resolution: 0.001024

Ordinate_Resolution: 0.001024

Planar_Distance_Units: meters

Geodetic_Model:

Horizontal_Datum_Name: North American Datum of 1983

Ellipsoid_Name: Geodetic Reference System 80

Semi-major_Axis: 6378137.0

Denominator_of_Flattening_Ratio: 298.257222

Entity_and_Attribute_Information:

Detailed_Description:

Entity_Type:

Entity_Type_Label: glo_corners.tab and glo_lm.tab

Entity_Type_Definition: ArcGIS 8.1 Info table

Entity_Type_Definition_Source: Forest Landscape Ecology Lab

Attribute:

Attribute_Label: Township

Attribute_Definition: Township number north of the baseline

Attribute_Definition_Source: Field surveyors' notebooks

Attribute_Domain_Values:

Range_Domain:

Range_Domain_Minimum: 1

Range_Domain_Maximum: 53

Attribute_Units_of_Measure: Township

Attribute_Measurement_Resolution: 1

Attribute:

Attribute_Label: Range

Attribute_Definition: Range number east or west of the 4th Principal Meridian

Attribute_Definition_Source: Field surveyors' notebooks

Attribute_Domain_Values:

Range_Domain:

Range_Domain_Minimum: 1

Range_Domain_Maximum: 30

Attribute_Units_of_Measure: Range

Attribute_Measurement_Resolution: 1

Attribute:

Attribute_Label: Rangdir

Attribute_Definition:

Compass direction for Range with respect to the 4th Principal Meridian, east or west.

Attribute_Definition_Source: Field surveyors' notebooks

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: 2

Enumerated_Domain_Value_Definition: West

Enumerated_Domain_Value_Definition_Source: Wisconsin Department of Natural Resources

Enumerated_Domain:

Enumerated_Domain_Value: 4

Enumerated_Domain_Value_Definition: East

Enumerated_Domain_Value_Definition_Source: Wisconsin
Department of Natural Resources

Attribute:

Attribute_Label: Point

Attribute_Definition:

Unique point number for section corner or quarter section corner within a given township. For features in the database that occur between corners, the point represents the last corner the surveyor visited before recording that feature.

Attribute_Definition_Source: Forest Landscape Ecology Lab and the USDA Forest Service

Attribute_Domain_Values:

Range_Domain:

Range_Domain_Minimum: 1

Range_Domain_Maximum: 126

Attribute_Units_of_Measure: Corner number

Attribute_Measurement_Resolution: 1

Attribute:

Attribute_Label: PointDir

Attribute_Definition:

Direction the surveyor was traveling when he recorded the feature. Present only in glo_lm.tab. This does not apply to section and quarter section corners.

Attribute_Definition_Source: Forest Landscape Ecology Lab

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: 2

Enumerated_Domain_Value_Definition: South corrected

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: 3

Enumerated_Domain_Value_Definition: West true

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: 4

Enumerated_Domain_Value_Definition: East true

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: 6

Enumerated_Domain_Value_Definition: East corrected

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: 7

Enumerated_Domain_Value_Definition: North

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: 8

Enumerated_Domain_Value_Definition: West corrected

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: 9

Enumerated_Domain_Value_Definition: South

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Attribute:

Attribute_Label: Links

Attribute_Definition:

Distance along survey line that the feature occurred from the last section corner. Present only in glo_lm.tab. In almost all cases, the survey line is approximately 1 mile, so the distance in links from the last corner ≤ 8000 . In some cases where sections are longer or wider than a mile due to irregularities in the survey, this distance will be larger.

Attribute_Definition_Source: Field surveyors' notebooks

Attribute_Domain_Values:

Range_Domain:

Range_Domain_Minimum: 0

Range_Domain_Maximum: 20085

Attribute_Units_of_Measure: link (1 link = 0.2012 m)

Attribute_Measurement_Resolution: 1

Attribute:

Attribute_Label: Ptype

Attribute_Definition: Point type, or feature type.

Attribute_Definition_Source: Forest Landscape Ecology Lab

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: E

Enumerated_Domain_Value_Definition: Ecosystem boundary. Present only in glo_lm.tab.

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: L

Enumerated_Domain_Value_Definition: Line tree. Present only in glo_lm.tab.

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: M

Enumerated_Domain_Value_Definition: Meander corner. Present only in glo_lm.tab.

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: P

Enumerated_Domain_Value_Definition:

Section corner or quarter section corner. Present only in glo_corners.tab.

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: D

Enumerated_Domain_Value_Definition: Disturbance boundary. Present only in glo_lm.tab.

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Attribute:

Attribute_Label: Vegtype

Attribute_Definition:

Ecosystem type. Rather than boundaries between ecosystem (see Ptype = 'E'), this attributer reflects the ecosystem in which the feature is found.

Attribute_Definition_Source: Forest Landscape Ecology Lab

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: A

Enumerated_Domain_Value_Definition: Creek

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: B

Enumerated_Domain_Value_Definition: Oak Barren

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: E

Enumerated_Domain_Value_Definition: Meadow/not-man-made field

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: F

Enumerated_Domain_Value_Definition: Default (unmentioned)

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: G

Enumerated_Domain_Value_Definition: Grove

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: H

Enumerated_Domain_Value_Definition: Bottom

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: I

Enumerated_Domain_Value_Definition: Pine opening/barren

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: J

Enumerated_Domain_Value_Definition: Pine grove

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: K

Enumerated_Domain_Value_Definition: Scattered oak

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: L

Enumerated_Domain_Value_Definition: Lake, pond

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: M

Enumerated_Domain_Value_Definition: Marsh, wetland

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: N

Enumerated_Domain_Value_Definition: Dry land

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: O

Enumerated_Domain_Value_Definition: Oak opening

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: P

Enumerated_Domain_Value_Definition: Prairie

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: Q

Enumerated_Domain_Value_Definition: Barren (undifferentiated)

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: R

Enumerated_Domain_Value_Definition: River, slough

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: S

Enumerated_Domain_Value_Definition: Swamp

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: T

Enumerated_Domain_Value_Definition: Thicket, brush

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: X

Enumerated_Domain_Value_Definition: Forest/timber

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: Z

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain_Value_Definition: Wet prairie

Enumerated_Domain:

Enumerated_Domain_Value: 2

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain_Value_Definition: Scattered timber

Enumerated_Domain:

Enumerated_Domain_Value: 3

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain_Value_Definition: Opening (undifferentiated)

Enumerated_Domain:

Enumerated_Domain_Value: 4

Enumerated_Domain_Value_Definition: Dead forest

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: 5

Enumerated_Domain_Value_Definition: Sparse timber / little timber

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: 7

Enumerated_Domain_Value_Definition: low land, low wet area

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: 8

Enumerated_Domain_Value_Definition: Thinly timbered

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: 9

Enumerated_Domain_Value_Definition: Unknown

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Attribute:

Attribute_Label: Disturb

Attribute_Definition:

Code indicating whether the feature experiences some type of disturbance,

as noted by the surveyor

Attribute_Definition_Source: Forest Landscape Ecology Lab

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: 2

Enumerated_Domain_Value_Definition: digging

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: 3

Enumerated_Domain_Value_Definition: fire

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: 4

Enumerated_Domain_Value_Definition: windfall

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: 5

Enumerated_Domain_Value_Definition: field or farm

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: 6

Enumerated_Domain_Value_Definition: sugar camp

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: 7

Enumerated_Domain_Value_Definition: town or village

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: 9

Enumerated_Domain_Value_Definition: slashing or pinery

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Attribute:

Attribute_Label: Inout

Attribute_Definition:

Indicates if the surveyor was entering or leaving the ecosystem or the disturbance. Populated only for Ptype = E or D in glo_lm.tab

Attribute_Definition_Source: Forest Landscape Ecology Lab

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: 1

Enumerated_Domain_Value_Definition: Enter

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: 2

Enumerated_Domain_Value_Definition: Leave

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Attribute:

Attribute_Label: Mtype

Attribute_Definition:

Indicates the reason for the meander corner. Populated only for Ptype = M in glo_lm.tab.

Attribute_Definition_Source: Forest Landscape Ecology Lab

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: B

Enumerated_Domain_Value_Definition: bayou

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: C

Enumerated_Domain_Value_Definition: private claim

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: D

Enumerated_Domain_Value_Definition: road

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: E

Enumerated_Domain_Value_Definition:

used when surveyors recorded more than the normal quarter and section corners. This occurred most frequently when errors in the survey of the township lines required that some of the section lines were substantially longer than 1 mile, requiring the establishment of corners at the 1.5 mile point. In some townships within Indian reservations, extra corners

were set on each section line to allow for the protraction of the section into 1/8 and 1/16 sections.

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: F

Enumerated_Domain_Value_Definition: fractional section

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: I

Enumerated_Domain_Value_Definition: Indian reservation

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: L

Enumerated_Domain_Value_Definition: lake

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: M

Enumerated_Domain_Value_Definition: marsh

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: P

Enumerated_Domain_Value_Definition: pond

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: R

Enumerated_Domain_Value_Definition: river

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: S

Enumerated_Domain_Value_Definition: state line

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Attribute:

Attribute_Label: Sp1, Sp2, Sp3, and Sp4

Attribute_Definition:

Tree species recorded for first, second, third, and fourth bearing tree.

Attribute_Definition_Source: Forest Landscape Ecology Lab

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: AA

Enumerated_Domain_Value_Definition: Water ash

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: AE

Enumerated_Domain_Value_Definition: Water elm

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: AH

Enumerated_Domain_Value_Definition: Ash

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: AL

Enumerated_Domain_Value_Definition: Alder, aldar

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: AM

Enumerated_Domain_Value_Definition: Artificial mounds

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: AP

Enumerated_Domain_Value_Definition: Apple

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: AS

Enumerated_Domain_Value_Definition: Aspen, Popple, Poplar

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: AW

Enumerated_Domain_Value_Definition: Palm willow

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: BA

Enumerated_Domain_Value_Definition: Black ash, B ash, Brown ash

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: BB

Enumerated_Domain_Value_Definition: Black birch, B birch, Blk birch

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: BC

Enumerated_Domain_Value_Definition: Black (undifferentiated)

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: BD

Enumerated_Domain_Value_Definition: Boulder, rock (large stone used as a bearing tree)

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: BD

Enumerated_Domain_Value_Definition: Rock or boulder

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: BE

Enumerated_Domain_Value_Definition: Beech

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: BG

Enumerated_Domain_Value_Definition: Balm of gilead, Balsam poplar

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: BI

Enumerated_Domain_Value_Definition: Birch

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: BJ

Enumerated_Domain_Value_Definition: Blue joint grass

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: BL

Enumerated_Domain_Value_Definition: Blue beech

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: BM

Enumerated_Domain_Value_Definition: Burial mound

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: BN

Enumerated_Domain_Value_Definition: Barn

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: BO

Enumerated_Domain_Value_Definition: Bur oak, Br oak, Burr oak

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: BP

Enumerated_Domain_Value_Definition: Basswood (same as Linden)

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: BR

Enumerated_Domain_Value_Definition: Brush, bushes, underbrush

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: BS

Enumerated_Domain_Value_Definition: Black spruce, B spruce, Blk spruce

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: BT

Enumerated_Domain_Value_Definition: Buttonwood

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: BU

Enumerated_Domain_Value_Definition: Butternut, B'nut, White walnut, W walnut

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: BU

Enumerated_Domain_Value_Definition: White walnut, W walnut, Butternut, B'nut

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: BW

Enumerated_Domain_Value_Definition: Black walnut, B walnut, Blk walnut, Walnut

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: BX

Enumerated_Domain_Value_Definition: Boxelder

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: CA

Enumerated_Domain_Value_Definition: Cabin

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: CB

Enumerated_Domain_Value_Definition: Cranberry

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: CE

Enumerated_Domain_Value_Definition: Cedar

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: CH

Enumerated_Domain_Value_Definition: Cherry, Black cherry, B cherry, Blk cherry

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: CI

Enumerated_Domain_Value_Definition: Sweet cisily

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: CM

Enumerated_Domain_Value_Definition: Cemetary

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: CO

Enumerated_Domain_Value_Definition: Cottonwood, Cotton

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: CR

Enumerated_Domain_Value_Definition: Crab apple, Crab

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: DA

Enumerated_Domain_Value_Definition: Dam

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: DG

Enumerated_Domain_Value_Definition: Dogwood

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: DI

Enumerated_Domain_Value_Definition: Diggings

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: DK

Enumerated_Domain_Value_Definition: Deer lick

Enumerated_Domain_Value_Definition_Source: Forest Landscape

Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: DL

Enumerated_Domain_Value_Definition: Dry elm

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: DP

Enumerated_Domain_Value_Definition: Dwarf pine

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: DR

Enumerated_Domain_Value_Definition: Lead running

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: DZ

Enumerated_Domain_Value_Definition: Red hazle

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: EL

Enumerated_Domain_Value_Definition: Elm (undifferentiated)

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: ES

Enumerated_Domain_Value_Definition: Slippery elm

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: FC

Enumerated_Domain_Value_Definition: Smelting furnace

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: FD

Enumerated_Domain_Value_Definition: Field

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: FI

Enumerated_Domain_Value_Definition: Fir, Balsam, Balsam fir
Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: FL

Enumerated_Domain_Value_Definition: Flagstaff

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: FM

Enumerated_Domain_Value_Definition: Farm

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: FN

Enumerated_Domain_Value_Definition: Fence

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: FO

Enumerated_Domain_Value_Definition: Formation (bed or range of rocks)

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: FR

Enumerated_Domain_Value_Definition: Ferry

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: FT

Enumerated_Domain_Value_Definition: fort/fortification

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: FU

Enumerated_Domain_Value_Definition: furnace

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: GA

Enumerated_Domain_Value_Definition: Garden

Enumerated_Domain_Value_Definition_Source: Forest Landscape

Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: GP

Enumerated_Domain_Value_Definition: Gray pine

Enumerated_Domain_Value_Definition_Source: Forest Landscape

Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: GV

Enumerated_Domain_Value_Definition: graveyard

Enumerated_Domain_Value_Definition_Source: Forest Landscape

Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: GY

Enumerated_Domain_Value_Definition: Gray ash

Enumerated_Domain_Value_Definition_Source: Forest Landscape

Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: HA

Enumerated_Domain_Value_Definition: Hackberry, Hckberry

Enumerated_Domain_Value_Definition_Source: Forest Landscape

Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: HC

Enumerated_Domain_Value_Definition: Hunters camp

Enumerated_Domain_Value_Definition_Source: Forest Landscape

Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: HE

Enumerated_Domain_Value_Definition: Hemlock

Enumerated_Domain_Value_Definition_Source: Forest Landscape

Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: HF

Enumerated_Domain_Value_Definition: Haw

Enumerated_Domain_Value_Definition_Source: Forest Landscape

Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: HI

Enumerated_Domain_Value_Definition: Hickory, Hick, H'ory, Hkry

Enumerated_Domain_Value_Definition_Source: Forest Landscape

Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: HL

Enumerated_Domain_Value_Definition: Hickory elm

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: HM

Enumerated_Domain_Value_Definition: Home, House

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: HO

Enumerated_Domain_Value_Definition: Hornbeam

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: HP

Enumerated_Domain_Value_Definition: Hard pine

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: HS

Enumerated_Domain_Value_Definition: Hops

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: HW

Enumerated_Domain_Value_Definition: Hawthorn

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: IB

Enumerated_Domain_Value_Definition: Bois blanc

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: IR

Enumerated_Domain_Value_Definition: Ironwood, Iron, I'wood

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: IT

Enumerated_Domain_Value_Definition: Bitternut

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: JO

Enumerated_Domain_Value_Definition: Jack oak, J oak Jk oak, Yellow oak, Pin oak, Spanish oak

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: JP

Enumerated_Domain_Value_Definition: Jack pine, J pine, Jk pine, Black pine, Pitch pine, P Pine

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: JU

Enumerated_Domain_Value_Definition: Red cedar, Juniper

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: KI

Enumerated_Domain_Value_Definition: Kinnikinick

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: KO

Enumerated_Domain_Value_Definition: Sinkhole

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: KW

Enumerated_Domain_Value_Definition: Black willow

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: LA

Enumerated_Domain_Value_Definition: Black haw

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: LC

Enumerated_Domain_Value_Definition: Lumbering camp

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: LE

Enumerated_Domain_Value_Definition: B. elm

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: LG

Enumerated_Domain_Value_Definition: Lodge

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: LH

Enumerated_Domain_Value_Definition: Shilbark hickory

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: LI

Enumerated_Domain_Value_Definition: Linden, Linn, Lynn, Lind, Basswood, Bass

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: LJ

Enumerated_Domain_Value_Definition: Black jack

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: LL

Enumerated_Domain_Value_Definition: Black alder

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: LM

Enumerated_Domain_Value_Definition: Black maple

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: LN

Enumerated_Domain_Value_Definition: Line

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: LO

Enumerated_Domain_Value_Definition: Black oak, B oak, Blk oak

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: MA

Enumerated_Domain_Value_Definition: Maple

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: MD

Enumerated_Domain_Value_Definition: Mound

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: ME

Enumerated_Domain_Value_Definition: Masonic weed

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: ML

Enumerated_Domain_Value_Definition: Mill

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: MT

Enumerated_Domain_Value_Definition: Mountain ash

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: NL

Enumerated_Domain_Value_Definition: None listedâ€"no trees are listed in notes

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: NO

Enumerated_Domain_Value_Definition: No tree around or similar quotation in place of species listing

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: OA

Enumerated_Domain_Value_Definition: Oak (undifferentiated)

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: OC

Enumerated_Domain_Value_Definition: Locust

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: OI

Enumerated_Domain_Value_Definition: Poison ivy

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: OV

Enumerated_Domain_Value_Definition: Overcup

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: OW

Enumerated_Domain_Value_Definition: Rose willow, roze willow

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: PA

Enumerated_Domain_Value_Definition: Prickley ash

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: PH

Enumerated_Domain_Value_Definition: Swamp beech

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: PI

Enumerated_Domain_Value_Definition: Pine (undifferentiated)

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: PK

Enumerated_Domain_Value_Definition: Swamp burr oak

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: PL

Enumerated_Domain_Value_Definition: Plum

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: PM

Enumerated_Domain_Value_Definition: Swamp maple

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: PN

Enumerated_Domain_Value_Definition: S Pine

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: PO

Enumerated_Domain_Value_Definition: Potato patch

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: PP

Enumerated_Domain_Value_Definition: Princess pine

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: PS

Enumerated_Domain_Value_Definition: Spruce pine (one case of spruce fir)

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: PT

Enumerated_Domain_Value_Definition: Post (a post is used as a bearing tree)

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: QP

Enumerated_Domain_Value_Definition: Squaw pine

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: QQ

Enumerated_Domain_Value_Definition: Water

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: RA

Enumerated_Domain_Value_Definition: Red ash, Green ash

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: RC

Enumerated_Domain_Value_Definition: Red cherry

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: RD

Enumerated_Domain_Value_Definition: Road (used only in association with the line tree option)

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: RE

Enumerated_Domain_Value_Definition: Red elm

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: RH

Enumerated_Domain_Value_Definition: Red haw

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: RI

Enumerated_Domain_Value_Definition: Red indigo

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: RK

Enumerated_Domain_Value_Definition: Rock elm

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: RL

Enumerated_Domain_Value_Definition: Railroad

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: RM

Enumerated_Domain_Value_Definition: Red maple, R maple

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: RO

Enumerated_Domain_Value_Definition: Red oak, R oak

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: RP

Enumerated_Domain_Value_Definition:

Red pine, R pine, Norway pine, N pine, Yellow pine, Y pine, Sugar pine

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: RR

Enumerated_Domain_Value_Definition: Briars

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: RR

Enumerated_Domain_Value_Definition: Thornbriars, Briars

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: RS

Enumerated_Domain_Value_Definition: Raspberries

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: RV

Enumerated_Domain_Value_Definition: River maple

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: RW

Enumerated_Domain_Value_Definition: Red willow

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: SA

Enumerated_Domain_Value_Definition: Swamp ash

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: SC

Enumerated_Domain_Value_Definition: Scrub pine

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: SD

Enumerated_Domain_Value_Definition: Station

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: SE

Enumerated_Domain_Value_Definition: Swamp elm

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: SG

Enumerated_Domain_Value_Definition: Spring of pure water

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: SL

Enumerated_Domain_Value_Definition: S Maple

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: SM

Enumerated_Domain_Value_Definition: Soft maple

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: SN

Enumerated_Domain_Value_Definition: Shop

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: SO

Enumerated_Domain_Value_Definition: Swamp oak, S oak

Enumerated_Domain_Value_Definition_Source: Forest Landscape

Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: SP

Enumerated_Domain_Value_Definition: Spruce (undifferentiated)

Enumerated_Domain_Value_Definition_Source: Forest Landscape

Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: SQ

Enumerated_Domain_Value_Definition: Swamp elder

Enumerated_Domain_Value_Definition_Source: Forest Landscape

Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: SR

Enumerated_Domain_Value_Definition: Sugar tree

Enumerated_Domain_Value_Definition_Source: Forest Landscape

Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: SS

Enumerated_Domain_Value_Definition: Sugar house

Enumerated_Domain_Value_Definition_Source: Forest Landscape

Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: ST

Enumerated_Domain_Value_Definition: Street

Enumerated_Domain_Value_Definition_Source: Forest Landscape

Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: SU

Enumerated_Domain_Value_Definition: Sugar, Sugar maple, Hrd maple, Rock maple, Bird's Eye maple

Enumerated_Domain_Value_Definition_Source: Forest Landscape

Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: SW

Enumerated_Domain_Value_Definition: Swamp white oak

Enumerated_Domain_Value_Definition_Source: Forest Landscape

Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: SZ

Enumerated_Domain_Value_Definition: Swamp pine

Enumerated_Domain_Value_Definition_Source: Forest Landscape

Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: TA

Enumerated_Domain_Value_Definition: Tamarack, Tam'k, Tamarac,
Larch

Enumerated_Domain_Value_Definition_Source: Forest Landscape
Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: TH

Enumerated_Domain_Value_Definition: Thorn

Enumerated_Domain_Value_Definition_Source: Forest Landscape
Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: TN

Enumerated_Domain_Value_Definition: Thorn apple

Enumerated_Domain_Value_Definition_Source: Forest Landscape
Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: TO

Enumerated_Domain_Value_Definition: Water oak

Enumerated_Domain_Value_Definition_Source: Forest Landscape
Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: TP

Enumerated_Domain_Value_Definition: Bastard pine

Enumerated_Domain_Value_Definition_Source: Forest Landscape
Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: TR

Enumerated_Domain_Value_Definition: Trail

Enumerated_Domain_Value_Definition_Source: Forest Landscape
Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: TT

Enumerated_Domain_Value_Definition: Thorn tree

Enumerated_Domain_Value_Definition_Source: Forest Landscape
Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: TV

Enumerated_Domain_Value_Definition: Tavern

Enumerated_Domain_Value_Definition_Source: Forest Landscape
Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: UA

Enumerated_Domain_Value_Definition: Blue ash

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: UB

Enumerated_Domain_Value_Definition: Blue birch

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: UC

Enumerated_Domain_Value_Definition: Sugar camp

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: UO

Enumerated_Domain_Value_Definition: Scrub oak, Shrub oak

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: VL

Enumerated_Domain_Value_Definition: Village, Town

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: WA

Enumerated_Domain_Value_Definition: White ash

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: WB

Enumerated_Domain_Value_Definition: White birch, W birch, Wht birch, Paper birch

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: WC

Enumerated_Domain_Value_Definition: White cedar

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: WE

Enumerated_Domain_Value_Definition: White elm, W elm

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: WF

Enumerated_Domain_Value_Definition: White fir

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: WH

Enumerated_Domain_Value_Definition: Whortleberry

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: WI

Enumerated_Domain_Value_Definition: Willow

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: WJ

Enumerated_Domain_Value_Definition: White poplar

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: WK

Enumerated_Domain_Value_Definition: White hickory

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: WL

Enumerated_Domain_Value_Definition: Wild current

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: WM

Enumerated_Domain_Value_Definition: White maple, W maple, Wht maple

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: WN

Enumerated_Domain_Value_Definition: Sweet fern

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: WO

Enumerated_Domain_Value_Definition: White oak, W oak, Wht oak

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: WP

Enumerated_Domain_Value_Definition: White pine, W pine Wht pine

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: WR

Enumerated_Domain_Value_Definition: Wild rice

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: WS

Enumerated_Domain_Value_Definition: White spruce, W spruce, Wht spruce

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: WT

Enumerated_Domain_Value_Definition: White thorn, W thorn

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: WU

Enumerated_Domain_Value_Definition: Water beech, Water beach

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: WV

Enumerated_Domain_Value_Definition: Water willow

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: WW

Enumerated_Domain_Value_Definition: Whitewood

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: WY

Enumerated_Domain_Value_Definition: Water birch

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: XA

Enumerated_Domain_Value_Definition:

Corner exists but is missing on film, ie pages missing from notebook

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: XB

Enumerated_Domain_Value_Definition: Corner does not exist, ie irregular township

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: XC

Enumerated_Domain_Value_Definition: Corner in a private claim or Indian reservation

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: XX

Enumerated_Domain_Value_Definition: Illegible, indeterminable

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: YB

Enumerated_Domain_Value_Definition: Yellow birch, Y birch

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: YC

Enumerated_Domain_Value_Definition: May cherry

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: YN

Enumerated_Domain_Value_Definition: Yellow wilson

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: YP

Enumerated_Domain_Value_Definition: Dry pine

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Enumerated_Domain:

Enumerated_Domain_Value: YS

Enumerated_Domain_Value_Definition: Sycamore

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Attribute:

Attribute_Label: Diam1, Diam2, Diam3, and Diam4

Attribute_Definition: Diameter of first, second, third, and fourth bearing trees.

Attribute_Definition_Source: Field surveyors' notebooks

Attribute_Domain_Values:

Range_Domain:

Range_Domain_Minimum: 1

Range_Domain_Maximum: 130

Attribute_Units_of_Measure: inches

Attribute_Measurement_Resolution: 1 inch

Attribute:

Attribute_Label: AZ1, AZ2, AZ3, and AZ4

Attribute_Definition:

Compass bearing of first, second, third, and fourth bearing trees from the corner post.

Attribute_Definition_Source: Field surveyors' notebooks

Attribute_Domain_Values:

Unrepresentable_Domain:

Compass bearings were recorded as a concatenation of N or S, a number of degrees between 1 and 89, and E or W. For example, a bearing tree at N45E was located 45 degrees east of north. One at S77W was located 77 degrees west of south. Acceptable values for this attribute also include N, S, W, and E.

Attribute:

Attribute_Label: Dist1, Dist2, Dist3, and Dist4

Attribute_Definition:

Distance of first, second, third, and fourth bearing tree from the corner post.

Attribute_Definition_Source: Field surveyors' notebooks

Attribute_Domain_Values:

Range_Domain:

Range_Domain_Minimum: 0

Range_Domain_Maximum: 6925

Attribute_Units_of_Measure:

Links. 8000 links = 5280 feet. 1 link = 0.66 feet = 7.92

inches.

Attribute_Measurement_Resolution: 1 link

Attribute:

Attribute_Label: Fsp

Attribute_Definition:

Timber species found along each mile of survey. These data are recorded at a single corner per section line, at the northern section corner of north-south lines and at the quarter section corner of east-west lines. Along section lines bounding the southern edge of townships, the timber species are recorded at the western section corner.

Attribute_Definition_Source: Forest Landscape Ecology Lab

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: See domain values for Sp1, Sp2, Sp3, and Sp4

Enumerated_Domain_Value_Definition: See domain value definitions for Sp1, Sp2, Sp3, and Sp4

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Attribute:

Attribute_Label: Usp

Attribute_Definition:

Understory species found along each mile of survey. These data are recorded at a single corner per section line, at the northern section corner of north-south lines and at the quarter section corner of east-west lines. Along section lines bounding the southern edge of townships, the timber species are recorded at the western section corner.

Attribute_Definition_Source: Forest Landscape Ecology Lab

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: See domain values for Sp1, Sp2, Sp3, and Sp4

Enumerated_Domain_Value_Definition: See domain value definitions for Sp1, Sp2, Sp3, and Sp4

Enumerated_Domain_Value_Definition_Source: Forest Landscape Ecology Lab

Attribute:

Attribute_Label: Surveyor

Attribute_Definition:

First initial, middle initial if present, and last name of the surveyor.

Attribute_Definition_Source:

Field surveyors' notebooks, with occasional reference to the plat maps generated from the survey notes for confirmation.

Attribute_Domain_Values:

Unrepresentable_Domain: List of surveyors names.

Attribute:

Attribute_Label: Year

Attribute_Definition: Year in which the survey was conducted.

Attribute_Definition_Source: Field surveyors' notebooks

Attribute_Domain_Values:

Range_Domain:

Range_Domain_Minimum: 1832

Range_Domain_Maximum: 1891

Attribute_Units_of_Measure: Year

Attribute_Measurement_Resolution:

1 year. All townships except 5 were surveyed between 1832 and 1866.

Attribute:

Attribute_Label: Notes

Attribute_Definition:

Miscellaneous relevant information generally vegetative, recorded from the notebooks about the feature or the section line.

Attribute_Definition_Source: Field surveyors' notebooks.

Attribute_Domain_Values:

Unrepresentable_Domain: Miscellaneous notes.

Attribute:

Attribute_Label: Corn-id

Attribute_Definition:

Unique ID number for the section or quartet section corner. In the case of glo_lm.tab, this represents to section corner from which the surveyor measured the feature, the distance of which is located in the links field. See the Wisconsin Department of Natural Resources' 24K Landnet Spatial Database Technical Documentation (1996) for more information.

Attribute_Definition_Source: Wisconsin Department of Natural Resources.

Attribute_Domain_Values:

Unrepresentable_Domain:

The values are a concatenation of range direction, township, range, section, and 4 additional digits representing where along a given section line the corner occurs.

Distribution_Information:

Distributor:

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Contact_Person: Theodore A. Sickley

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Metadata_Reference_Information:

Metadata_Date: 20010927

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Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata

Metadata_Standard_Version: FGDC-STD-001-1998

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